

Title (en)
GAME DEVICE, GAME CONTROL METHOD, AND GAME CONTROL PROGRAM

Title (de)
SPIELVORRICHTUNG, SPIELSTEUERUNGSVERFAHREN UND SPIELSTEUERUNGSPROGRAMM

Title (fr)
DISPOSITIF DE JEU, PROCÉDÉ DE COMMANDE DE JEU, ET PROGRAMME DE COMMANDE DE JEU

Publication
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Application
EP 08872435 A 20081114

Priority
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Abstract (en)
[origin: US2010216550A1] A game device includes a shape data storage which stores data of an object disposed in a three-dimensional space, a first rendering unit which sets a point of view and a line of sight and renders the object by referencing data stored in the shape data storage, a viewpoint changing unit which receives a change instruction indicating a change of the point of view or line of sight and changes the point of view or line of sight. The viewpoint changing unit changes the point of view or line of sight to outside a predetermined range when the point of view or line of sight enters within the predetermined range.

IPC 8 full level
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Citation (examination)
• US 6226008 B1 20010501 - WATANABE YASUHIRO [JP], et al
• PHILLIPS C B ET AL: "AUTOMATIC VIEWING CONTROL FOR 3D DIRECT MANIPULATION", PROCEEDINGS OF THE SYMPOSIUM ON INTERACTIVE 3D GRAPHICS. CAMBRIDGE, MA., MAR. 29 - APR. 1, 1992; [PROCEEDINGS OF THE SYMPOSIUM ON INTERACTIVE 3D GRAPHICS], NEW YORK, ACM, US, vol. -, 29 March 1992 (1992-03-29), pages 71 - 74, XP000308180

Cited by
EP2243524A4; US8251817B2

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

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US 2010216550 A1 20100826; US 8267782 B2 20120918; EP 2241357 A1 20101020; EP 2241357 A4 20110518; EP 2241357 B1 20150819; EP 2428936 A2 20120314; EP 2428936 A3 20121010; EP 2428936 B1 20200219; WO 2009101663 A1 20090820

DOCDB simple family (application)
US 60154108 A 20081114; EP 08872435 A 20081114; EP 11008072 A 20081114; JP 2008003335 W 20081114